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THE GENERATIONS OF WORMS.\*—Our readers are already familiar with the strange alternations of generation observed in many of the lower intestinal worms. Like successions of forms differing remarkably from the parent, probably occur even in the most highly organized annelids. In the present Journal Dr. Malmgren, known by his elaborate works on the Annelids of the Northern and Arctic Seas, cites what he supposes to be another case, referring the species of "Heteronereis" (which had been considered by earlier observers as a good genus, and may be found swimming on the surface of the ocean, as we have observed it on the coast of Labrador), to certain species of the genus *Nereis*, which live in the mud or swim at the bottom. The actual connection has not been yet traced, but the author is strongly of the opinion that it will be found that the *Nereids* are the parents of the *Heteronereis*, and also of the species of *Iphineris*, another genus allied to the former.

FLORIDA AND THE SOUTH.†—Travellers and naturalists in Florida will find in this little book a reliable guide to its hunting grounds and sanitary retreats, by one already well known as a writer on the history of Florida. The traveller should also take with him the articles on the shell-mounds of Florida, by Prof. Wyman, published in our second volume, and those of Mr. Stearns, which are now appearing in the NATURALIST.

ANNALS OF BEE CULTURE.‡—We should judge that this annual was a very timely production. The articles, mostly written by the Editor, are such as must interest and instruct bee-keepers, and we gladly hail every publication which has for its aim the improvement of the art and science of bee-keeping. The Editor proposes to issue another annual early in 1870.

## NATURAL HISTORY MISCELLANY.

### BOTANY.

TENDENCY OF FLORAL ORGANS TO EXCHANGE OFFICES. I have before me a curious instance of the tendency which floral organs have to exchange offices. It is a staminate spike of corn well developed, and of normal growth for some five inches from its insertion on the stem, but bearing on its apex a well defined little ear of grain, as regular in structure as those which were born in their accustomed place. I do not know how common this may be, but I never before chanced to see it. — C. J. S.

\* Siebold and Kolliker's *Journal of Scientific Zoology*, 1869.

† A Guide-book of Florida and the South, for Tourists, Invalids, and Emigrants; with a map of the St. John River. By D. G. Brenton, M. D. Philadelphia, 1869. 12mo, pp. 136. Penn. Publishing Co. \$1.00.

‡ *Annals of Bee Culture* for 1869. By D. L. Adair, Editor. Louisville, Ky. 8vo, pp. 57.